

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
25 May 2001 (25.05.2001)

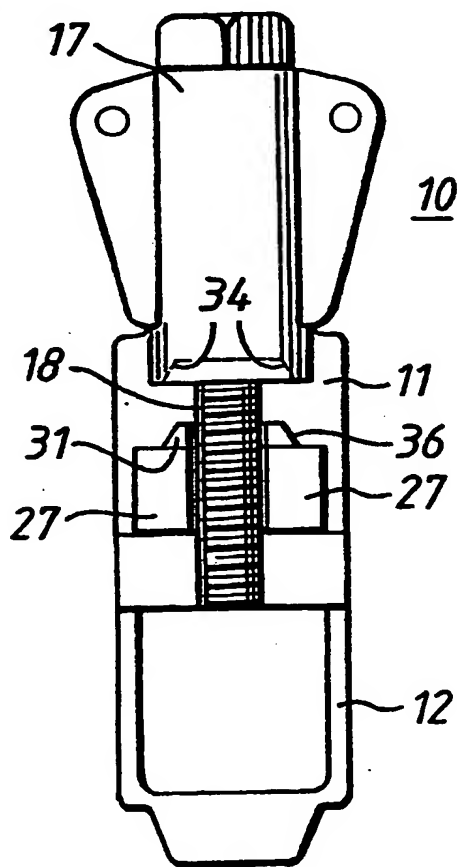
PCT

(10) International Publication Number  
**WO 01/36858 A1**

- (51) International Patent Classification<sup>7</sup>: **F16L 23/10, 23/06**
- (21) International Application Number: **PCT/GB00/04387**
- (22) International Filing Date:  
17 November 2000 (17.11.2000)
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:  
9927226.2 17 November 1999 (17.11.1999) **GB**
- (71) Applicant (*for all designated States except US*): **JAR-ZON PLASTICS LIMITED [GB/GB];** Acorn House, 33 Churchfield Road, London W3 6AY (GB).
- (72) Inventor; and  
(75) Inventor/Applicant (*for US only*): **ELLIOTT, Anthony [GB/GB];** 10 Taylor Drive, Bramley, Tadley, Hampshire RG2G 5XP (GB).
- (74) Agents: **SCHLICH, George, William et al.; Mathys & Squire,** 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) Designated States (*national*): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**
- (84) Designated States (*regional*): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European**

[Continued on next page]

(54) Title: **NUT AND SEAT ASSEMBLY FOR CLAMP**



(57) Abstract: A nut (17) and seat assembly is provided for a clamp (10). A nut is tightened onto a bolt (15) and a clamp member has a seat for the nut and an aperture defined by prongs (27). The bolt is inserted laterally into the aperture and the nut is tightened axially against the seat. Tightening the nut onto the seat prevents outward movement of the prongs away from the bolt as the nut holds the prongs in place.

WO 01/36858 A1



patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *With international search report.*